

**What is claimed is:**

1. A method in a telecommunications system where a sending entity may send units to a first receiving entity, the method comprising the steps of:  
sending a unit to the first receiving entity;  
5 receiving no response from said first receiving entity; and  
indicating a possible duplication of said unit when resending it.

2. The method of claim 1, further comprising the step of also indicating the sending entity when indicating said possible duplication.

3. The method of claim 1 wherein the possible duplicate is indicated in the unit when resending said unit to the second receiving entity.

4. The method of claim 3, further comprising the steps of:  
noticing that the first receiving entity is operating;  
checking whether the first receiving entity received said unit; and  
sending a release message to the second receiving entity when  
said unit was not received in the first receiving entity; or  
sending a cancel message to the second receiving entity when said  
20 unit was received in the first receiving entity.

5. The method of claim 3, further comprising the steps of:  
noticing that the first receiving entity is operating;  
checking whether the first receiving entity received said unit by  
25 resending said unit; and  
sending a release message or a cancel message to the second receiving entity when said unit was not received in the first receiving entity; or  
sending a cancel message to the second receiving entity when said  
unit was received in the first receiving entity.

6. The method of claim 4, further comprising the steps of:  
receiving said unit in the second receiving entity;  
storing said unit in response to said indication; and  
sending said unit in response to said release message from the  
35 second receiving entity towards its destiny; or  
deleting said unit in response to said cancel message.

7. The method of claim 1, further comprising the steps of:  
receiving said unit in its end system;  
checking only in response to said indication whether the unit is a  
duplicate.

5

8. The method of claim 1, further comprising the step of indicating  
the possible duplication by adding said indication to the unit before resending  
it.

10

9. A method in a telecommunications system where a sending entity  
may send units to a first receiving entity, the method comprising the steps of:  
sending a unit to the first receiving entity;  
receiving no response from said first receiving entity;  
indicating a possible duplication of said unit when resending it;  
receiving said unit in its end system; and  
checking only in response to said indication whether the unit is a  
duplicate.

15

10. A method in a telecommunications system where a sending en-  
tity may send units to a first and a second receiving entity, the method com-  
prising the steps of:  
sending a unit to the first receiving entity;  
receiving no response from said first receiving entity;  
indicating a possible duplication of said unit when resending it to the  
second receiving entity;  
storing, in the second receiving entity, said unit in response to said  
indication;  
noticing that the first receiving entity is operating;  
checking whether the first receiving entity received said unit;  
sending a release message to the second receiving entity when  
said unit was not received in the first receiving entity;  
sending said unit in response to said release message from the  
second receiving entity towards its destiny; or  
sending a cancel message to the second receiving entity when said  
unit was received in the first receiving entity; and  
deleting said unit in response to said cancel message.

20

25

30

35

11. A transmission system comprising  
at least one receiving entity, and  
a sending entity being arranged, when not receiving a response  
from a first receiving entity to which it sent a unit, to indicate a possible dupli-  
5 cation of said unit when resending it.

12. The system of claim 11, wherein said sending entity is further  
arranged to indicate also the sending entity when indicating said possible du-  
plication.

13. The system of claim 11 wherein the sending entity is arranged  
to indicate said possible duplication when resending said unit to a second re-  
ceiving entity.

14. The system of claim 13 wherein the receiving entity is arranged  
to check from a received unit whether it includes said indication and in re-  
sponse to said indication to wait for instructions on how to handle said unit.

15. The system of claim 11 wherein the receiving entity is arranged  
to check from a received unit whether it includes said indication and in re-  
sponse to said indication to wait for instructions on how to handle said unit.

16. The system of claim 11, further comprising an end system  
which is arranged to check from a received unit whether it includes said indi-  
25 cation and only in response to said indication to check whether said unit is a  
duplicate.

17. A network node which is adapted to be a sending entity in a  
network, which node is arranged to send an unit to a first receiving entity and  
30 when not receiving a response from the first entity to which it sent a unit, to in-  
dicate that said unit is a possible duplication when resending said unit.

18. The network node of claim 17 being further arranged to indicate  
the sending entity when indicating said possible duplication.

35

19. The network node of claim 17 being further arranged to indicate said possible duplication when resending said unit to another entity.

20. The network node of claim 19 being further arranged to have a  
5 priority list of entities to which it may send units and to send the unit to the entity having the next lowest priority.

21. A network node which is adapted to be a part of an end system  
in a network, wherein the network node is arranged to check whether the unit  
10 is a duplicate only in response to receiving a unit having an indication indicating a possible duplication of said unit.

22. A network node which is adapted to be an intermediate node in  
a network, wherein the network node is arranged to check when receiving a  
15 unit whether it is indicated to be a possible duplication of said unit and, in response to said indication, to wait for instructions on how to handle said unit.